Ontario Ministry of Northern Development and Mines

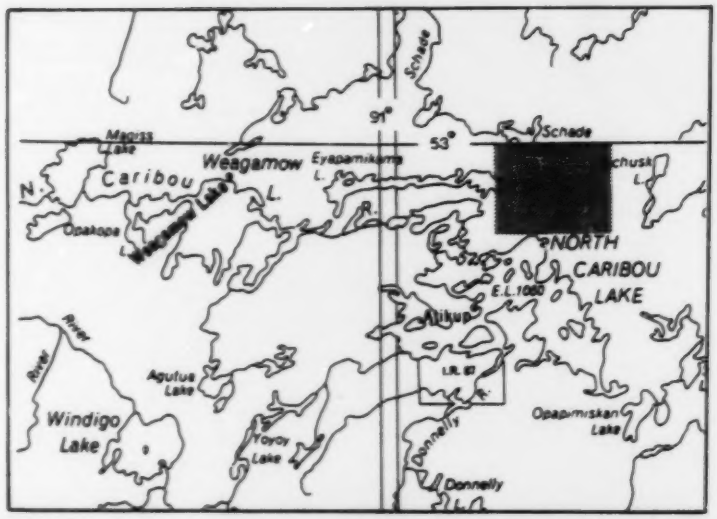
Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

GEOLOGICAL DATA INVENTORY FOLIO 520

ERICHSEN LAKE AREA

Compiled by the Staff of
the Resident Geologist's Office
Sioux Lookout



LOCATION MAP

Scale: 1:1 013 760 or 1 inch to 16 miles

CANADA ONTARIO Mineral Development Exploration Minerals

This project is part of the five year Canada–Ontario 1985 Mineral Development Agreement (COMDA), a subsidiary agreement to the Economic and Regional Development Agreement (ERDA) signed by the governments of Canada and Ontario.

91-05468/

NTS Number 53B/15NE

Mining Claim Map Number G-2029

This project was funded under the Canada-Ontario Mineral Development Agreement (COMDA)

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey 1990. Erichsen Lake, Geological Data Inventory Folio 520; compiled by the staff of the Resident Geologist's office, Sioux Lookout.

Original Compilation by: C.J. Proctor and M.O. Roy

Date	Page Revised	Revised by

Date	Page Revised	Revised by

Erichsen Lake Area

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
		LENGTH			
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0 049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
		AREA			
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0 386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
		VOLUME			
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0 028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
		CAPACITY			
1 L	1.759 755	pints	1 pint	0 568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
		MASS			
1 g	0 035 273 96	ounces (avdp)	1 ounce (avdp)	28 349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 74	kg
1 t	1.102 311	tons (short)	1 ton (short)	0.907 184 74	t
1 kg	0 000 984 21	tons (long)	1 ton (long)	1016.046 908 8	kg
1 t	0 984 206 5	tons (long)	1 ton (long)	1.016 046 908 8	t
		CONCENTRATION			
1 g t	0.029 166 6	ounce (troy) ton (short)	1 ounce (troy) ton (short)	34 285 714 2	g t
1 g t	0.583 333 33	pennyweights ton (short)	1 pennyweight ton (short)	1.714 285 7	g t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy) ton (short)	20.0	pennyweights ton (short)
1 pennyweight ton (short)	0 05	ounce (troy) ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

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ACCOMPANYING MAPS

Files Index Map 1

Exploration Data Map 1

ABBREVIATIONS LIST

A.F.R.O.	Assessment Files Research Office (Toronto)
Ann. Rept., (A.R.)	Annual Report
A.R.I.P.	Aggregate Resources Inventory Paper
Bull.	Bulletin
C.I.M.M.	Canadian Institute of Mining and Metallurgy
C.J.E.S.	Canadian Journal of Earth Sciences
C.M.J.	Canadian Mining Journal
Econ. Geol.	Economic Geology
E.M.R.	Department of Energy, Mines and Resources
E.P.B.	Earth Physics Branch
G.A.C.	Geological Association of Canada
GC	Geological Circular
GDIF	Geological Data Inventory Folio
Geol.	Geology
Geol. Soc. Amer. Bull	Geological Society of America Bulletin
GR	Geoscience (Geological) Report
GSC	Geological Survey of Canada
I.L.S.G.	Institute on Lake Superior Geology
IMR	Industrial Mineral Report
I.O.C.	Report of the Iron Ore Committee (1923)
Jour. (or J)	Journal
MDC	Mineral Deposit Circular
M.D.I. (R)	Mineral Deposit Inventory (Record)
Mem	Memoir
MNDM	Ministry of Northern Development and Mines
MNR	Ministry of Natural Resources
M.P.	Miscellaneous Paper
MRC	Mineral Resources Circular
N.M.I.	National Mineral Inventory
NOEGTS	Northern Ontario Engineering Geology Terrain Study
NTS	National Topographic System
O.B.M.	Ontario Bureau of Mines
O.D.L.F.	Ontario Department of Lands and Forests
ODM	Ontario Department of Mines
ODMNA	Ontario Department of Mines and Northern Affairs
OFR	Open File Report
O.G.S.	Ontario Geological Survey
P.R.	Preliminary Report
Prelim. (or P)	Preliminary
R.C.	Royal Commission on Mineral Resources of Ontario (1890)
S.M.D.R.	Source Mineral Deposit Record
Sum. Rept.	Summary Report

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	YES	CJP
2	Assessment Files Research Office, Toronto	AFRO	CJP
3	ODM General Index: 9 Volumes	YES	CJP
4	Catalogue of Airborne Geophysical Surveys (ODM)	NO	CJP
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	NO	CJP
6	ODM Industrial Mineral Reports	NO	CJP
7	Bibliography of Post Precambrian Thesis - Karrow (ODM MP 1)	NO	CJP
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	NO	CJP
9	Newspaper Clippings File	YES	CJP
10	GSC Index to Publications	YES	CJP
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	YES	CJP
12	OGS Index Maps	YES	CJP
13	Source Mineral Deposit Records (O.G.S.)	NO	CJP
14	Author - Subject Articles File	NO	CJP
15	Miscellaneous Papers ODM & OGS	YES	CJP
16	ODM Geological Circulars OGS Study Series	NO	CJP
17	ODM Preliminary Reports: ODM Bulletins	NO	CJP
18	ODM - OGS Open File Reports	YES	CJP
19	OGS Northern Ontario Engineering Geology Terrain Studies	NO	CJP
20	OGS Aggregate Resources Inventory Papers	NO	CJP
21	OGS Mineral Potential Maps	YES	CJP
22	Drill Core Library Catalogue	NO	CJP
23	Aerial Photographs	NO	CJP
24	Unpublished Theses	NO	CJP

METALS AND MINERALS REFERENCES LIST

- △ anh ..... Anhydrite
- △ ank ..... Ankerite
- △ anna ..... Annabergite
- △ ap ..... Apatite
- △ arg ..... Argentite
- ▲ As ..... Arsenic
- △ asp ..... Arsenopyrite
- △ asb ..... Asbestos
- △ ba ..... Barite
- △ be ..... Beryl
- △ Bi ..... Bismuth
- △ bn ..... Bornite
- △ bran ..... Brannerite
- △ bruc ..... Brucite
- △ Cd ..... Cadmium
- △ calc ..... Calcite
- △ carb ..... Carbonate
- △ cel ..... Celestite
- △ cc ..... Chalcocite
- △ cp ..... Chalcopyrite
- △ ch ..... Chert
- △ clay ..... Clay
- △ Co ..... Cobalt
- △ cob ..... Cobaltite
- △ cb ..... Columbite
- ▲ Cu ..... Copper
- △ cor ..... Corundum
- △ dol ..... Dolomite
- △ ep ..... Epidote
- △ ery ..... Erythrite
- △ fel ..... Feldspar
- △ fl ..... Fluorite (flurospar)
- △ fu ..... Fuchsite
- △ gn ..... Galena
- △ gt ..... Garnet
- △ goe ..... Goethite
- ▲ Au ..... Gold
- △ gf ..... Graphite
- △ gl ..... Gravel
- △ gyp ..... Gypsum
- △ hem ..... Hematite
- △ il ..... Ilmenite
- △ Fe ..... Iron
- △ IF ..... Iron Formation
- △ jas ..... Jasper
- △ kaol ..... Kaolinite (kaolin)
- △ ky ..... Kyanite
- △ Pb ..... Lead
- △ lim ..... Limonite
- △ Li ..... Lithium
- △ mgst ..... Magnesite
- △ mag ..... Magnetite
- △ mc ..... Malachite
- △ Mn ..... Manganese
- △ mb ..... Marble
- △ mar ..... Marcasite
- △ ma ..... Marl
- △ mi ..... Mica
- △ ml ..... Millerite
- △ mo ..... Molybdenite
- △ Mo ..... Molybdenum
- △ mon ..... Monazite
- △ ne .... Nephelite (nepheline)
- △ nc ..... Niccolite
- △ Ni ..... Nickel
- △ Nb ..... Niobium
- △ Pd ..... Palladium
- △ peat ..... Peat
- △ pent ..... Pentlandite
- △ Pt ..... Platinum
- △ py ..... Pyrite
- △ pyl ..... Pyrochlore
- △ pyrl ..... Pyrolusite
- △ po ..... Pyrrhotite
- △ q ..... Quartz
- △ qcv .. Quartz carbonate vein
- △ ra ..... Radioactive minerals
- △ RE ..... Rare Earths
- △ sd ..... Sand
- △ sgl ..... Sand and gravel
- △ ss ..... Sandstone
- △ scap ..... Scapolite
- △ shee ..... Scheelite
- △ serp ..... Serpentine
- △ sh ..... Shale
- △ sid ..... Siderite
- △ si ..... Silica
- △ Ag ..... Silver
- △ sl ..... Slate
- △ sm ..... Smaltite
- △ sod ..... Sodalite
- △ spec ..... Specularite
- △ sp ..... Sphalerite
- △ spd ..... Spodumene
- △ staur ..... Staurolite
- △ stib ..... Stibnite
- △ st ..... Stone
- △ s ..... Sulphides
- △ talc ..... Talc
- △ Te ..... Tellurium
- △ td ..... Tetrahedrite
- △ th ..... Thorite
- △ Th ..... Thorium
- △ thuc ..... Thucholite
- △ ti ..... Titanite
- △ Ti ..... Titanium
- △ tour ..... Tourmaline
- △ trap ..... Trap rock
- △ W ..... Tungsten
- △ uran ..... Uraninite
- △ U ..... Uranium
- △ verm ..... Vermiculite
- △ Y ..... Yttrium
- ▲ Zn ..... Zinc
- △ zr ..... Zircon

▲ Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	(see Exploration Data Map) Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	MCGRUER EAST SHOWING NO. 2	Au,As	--	--	-File 53B/15NW-0014 -Figure 3, 6 -p.13-14 -values of up to 0.17 oz/ton Au over 30 cm -values of 0.17 oz/ton Au were returned from quartz tourmaline veins
B	UNNAMED	Zn,Cu	--	--	-file 53B/15SE-0013 -drill hole 561-83-5 -highest assays include 7600 ppm Zn and 1600 ppm Cu

ERICHSEN LAKE AREA

TYPE OF WORK (see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		Numbers below represent the year in which the work was done; e.g., 68 for 1968																		
Ref. No. on Map	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
1	ELDOR RESOURCES L. (53B/15NE-0010-A1)				83															
2	INCO L. (53B/15NE-0010-C1)				63															
3	ELDORADO NUCLEAR L. (53B/15NE-0011)	82	82									82	82							
4	ELDOR RESOURCES L. ELDORADO NUCLEAR L. (53B/15SE-0013)					83														
5	ELDOR RESOURCES L. (53B/15SE-0018)					85														
6	INGAMAR EXPLORATIONS L. HIBBARD, M. (53B/15NW-0014)	86				86														
7	MILNER CONSOLIDATED SILVER MINES (53B/15NW-0017)	86										86	86							
8	ELDOR RESOURCES L. (53B/15SE-0020)											85	85							

ERICHSEN LAKE AREA

TYPE OF WORK (see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		Numbers below represent the year in which the work was done; e.g., 68 for 1968																		
Ref. No on Map	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
9	MOSS RESOURCES L. HODGE, H.J. (53B/15SE-0021)	86				86						86	86							
10	ELDOR RESOURCES L. see DH (53B/15NE-0012)	5 and 6			85															
11	NORTHERN DYNASTY NEWFIELDS MINERALS INC. WESTFIELD MINERALS L. (53B/15NE-0013)	85	85									85	85							
12	BAZINET, E.W. (53B/15NE-0014)				87	87														
13	POWER EXPLORATION (53B/15NE-0015) *(2.10730)	87				87														
14	BEAUFIELD RESOURCES MILNER CONSOLIDATED SILVER MINES LIMITED (53B/15NW-0025)				87	87		87												

* Toronto File Number

DRILLHOLE SUMMARY

Drilling Location Number on Map	(see Exploration Data Map) Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
1	ELDOR RESOURCES	561-83-3	1983	46	-50	8.80m	68.90m	mag,py,po	Au,Cu,Ni, Pb,Zn
2		561-83-4	1983	46	-50	9.10m	137.40m	gt,po,py,cp, mag	Au
3		561-83-5	1983	46	-50	3.60m	93.80m	po,py,cp,mag	Au,Cu,Ni, Pb,Zn
4	INCO ELDOR RESOURCES LIMITED	23123	1963	--	-45	40.00	471.00	po,py,cp,mag	--
5		561-85-09	1985	46	-50	8.80m	118.90m	gt,po,py,cp, Fe,mag	Au
6		561-85-10	1985	46	-50	12.40m	122.20m	gt,py,po,cp	Au
7	BEAUFIELD RESOURCES BAZINET, A. W.	6	1987	N43E	-45	35.00	547.00	po,py,cp	Au
8		7	1987	N43E	-45	63.00	517.00	py,po,sp	Au
9		8	1987	N43E	-45	35.50	307.00	po,py,gt,cp	Au
10		1	1987	S45SW	-45	8.50	557.00	po,py,cp,gt	Au
11		2	1987	N45SE	-42	15.00	647.00	py,po,mag,gt	Au
12		3	1987	S45SW	-45	71.80	387.00	py,po	Au
13		4	1987	N45SE	-45	75.00	402.30	po,py,gt,cp	Au
14		5	1987	N45SE	-45	23.70	657.00	po,py,cp	Au

● —— indicates core stored at Drill Core Library

ERICHSEN LAKE AREA

AIRBORNE GEOPHYSICAL SURVEY DATA

Number on File Index Map	— by — for — year	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
Not Plotted on Index Map	-Aerodat Ltd -Ont. Geological Survey -1985	-Aerodat Electromagnetic System (Input) -Geometrics G-803 Proton Precession Magnetometer	30m 45m	NE/SW	200m

ERICHSEN LAKE AREA

GEOCHEMICAL SURVEY DATA

(see Exploration Data Map)

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference Resident Geologist's Office Files
1	SOIL, ROCK	Au Ag As	ELDORADO NUCLEAR L.	53B/15NE-0011
2	SOIL, ROCK, STREAM SEDIMENT	Au	NORTHERN DYNASTY NEWFIELDS MINERALS WESTFIELD MINERALS L.	53B/15NE-0013

ERICHSEN LAKE AREA

GEOCHRONOLOGY DATA - AGE DATING

Site	Method	Material	Reference	Result
1	POTASSIUM-ARGON	BIOTITE	EASTON, R.M. 1986- GEOCHRONOLOGY COMPILATION MAP P.2844	$2638 \pm 80_9$

AERIAL PHOTOS; MOSAICS; IMAGERY

The following items are available for inspection at the Resident Geologist's office:

(a) Aerial Photographs: NO DATA AS OF JUNE 1989

(b) Photomosaics:

(c) Satellite Imagery:

TOPOGRAPHIC MAPS (selected)

scale	year	name and/or number	by
1:50,000	1977	NORTH CARIBOU LAKE 53B/15	SURVEYS & MAPPING BRANCH, DEPT. OF ENERGY, MINES AND RESOURCES
1:250,000	1981	NORTH CARIBOU LAKE 53B	SURVEYS & MAPPING BRANCH, DEPT. OF ENERGY, MINES AND RESOURCES

ERICHSEN LAKE AREA

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

COMPANY	NEWSPAPER	DATE	PAGE
NORTHERN DYNASTY (NEWFIELDS MINERALS INC.) (WESTFIELD MINERALS L.)	GEORGE CROSS NEWS-LETTER	JULY 16/85 JUNE 17/85 FEB 21/85 JAN 15/85	p.4 p.3 p.? p.1
POWER EXPLORATION	NORTHERN MINER	JULY 11/88	p.23

ERICHSEN LAKE AREA

ODM GENERAL INDEX SEARCH

Words searched: DOUBTFUL LAKE, ERICHSEN LAKE, EYAPAMIKAMA LAKE, SCHADE LAKE

Index Volume	Listing:	Report Volume	Part	Page
III	GEOLOGY OF THE WINDIGO-NORTH CARIBOU LAKES AREA	XLVIII	IX	1-32
9	GEOLOGY OF THE WINISK LAKE AREA, DISTRICT OF KENORA (PATRICIA PORTION)	REPORT	193	

ERICHSEN LAKE AREA

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
ANDREWS, A.J. SHARPE, D.R. JANES, D.A.	1981	A PRELIMINARY RECONNAISSANCE OF THE WEAGAMOW-NORTH CARIBOU LAKE METAVOLCANIC-METASEDIMENTARY BELT INCLUDING THE OPAPIMISKAN LAKE (MUSSLE-WHITE) GOLD OCCURENCE p. 203-213 IN SUMMARY OF FIELD WORK, 1981, BY THE OGS, MP 100, 255p.	MP 100	p.203-213
BARTLETT, J.R. BREAKS, F.W. DEKEMP, E.A. SHIELDS, H.N.	1985	PRECAMBRIAN GEOLOGY OF EYAPAMIKAMA LAKE AREA, (OPAPIMISKAN LAKE PROJECT), KENORA DISTRICT (PATRICIA PORTION), OGS MAP P.2834, GEOLOGICAL SERIES	P.2834	1:31,680
BREAKS, F.W. BARTLETT, J.R. DEKEMP, E.A. FINAMORE, P.F. et al ...	1984	OPAPIMISKAN LAKE PROJECT, PRECAMBRIAN GEOLOGY, QUATERNARY GEOLOGY AND MINERAL DEPOSITS OF THE NORTH CARIBOU LAKE AREA, DISTRICT OF KENORA (PATRICIA PORTION), p.258-273 IN SUMMARY OF FIELD WORK AND OTHER ACTIVITIES, OGS, MP 119 309p.	MP 119	p.258-273
BREAKS, F.W. BARTLETT, J.R. DEKEMP, E.A. OSMANI, I.A.	1986	PRECAMBRIAN GEOLOGY OF THE DOUBTFUL-AKOW LAKE AREA (OPAPIMISKAN LAKE PROJECT) KENORA DISTRICT (PATRICIA PORTION) OGS MAP P.2965, GEOLOGICAL SERIES	P.2965	1:31,680
BREAKS, F.W. BARTLETT, J.R. OSMANI, I.A. FINAMORE, P.F. WALLACE, H.	1985	OPAPIMISKAN LAKE PROJECT, PRECAMBRIAN AND QUATERNARY GEOLOGY OF THE NORTH CARIBOU AREA, DISTRICT OF KENORA (PATRICIA PORTION) p.268-276 IN SUMMARY OF FIELD WORK AND CTHER ACTIVITIES OGS, MP 126, 351p.	MP 126	p.268-276
DUFFELL, S MACLAREN, A.S. HOLMAN, R.H.C. (GSC)	1963	RED LAKE-LANSDOWNE HOUSE AREA, NORTHWESTERN ONTARIO, BEDROCK GEOLOGY, GEOPHYSICAL AND GEOCHEMICAL INVESTIGATIONS (PARTS OF 42,43,52, 53) REPORT, MAP 2-1963, MAP 3-1963	PAPER 63-5 MAP 2-1963 MAP 3-1963	1"=8 miles 1:506,880

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
EASTON, R.M.	1986	GEOCHRONOLOGY COMPILATION MAP FOR ONTARIO, SHEET 5, NORTHWESTERN ONTAIO, ALL ISOTOPIC SYSTEMS, OGS, MAP P.2844, COMPILATION SERIES	P.2844	1"=16 miles 1:1,013,760
EMSLIE, R.F. HOLMAN, R.H.C. (GSC)	1966	THE COPPER CONTENT OF CANADIAN SHIELD ROCKS, RED LAKE-LANSDOWNE HOUSE AREA, NORTHWESTERN BULLETIN 130	BULLETIN 130	
FINAMORE, P.F.	1986	QUATERNARY GEOLOGY OF THE NORTH CARIBOU LAKE-WEAGAMOW LAKE AREA, KENORA DISTRICT (PATRICIA PORTION), OGS, MAP P.3043, GEOLOGICAL SERIES	P.3043	1:50,000
GSC	1963	GEOCHEMISTRY (COPPER IN BEDROCK), NORTH CARIBOU LAKE, ONTARIO, MAP 52-1963	MAP 52-1963	1"=4 miles 1:253,440
ODM	1973	BIG TROUT LAKE-NORTH CARIBOU LAKE, GEOLOGICAL COMPILATION SERIES, KENORA DISTRICT, MAP 2292	MAP 2292	1"=4 miles 1:253,440
ODM	1959	NORTH CARIBOU LAKE, KENORA DISTRICT, ONTARIO AEROMAGNETIC SERIES, MAP 919G	MAP 919G	1"=1 mile 1:63,360
ODM	1939	NORTH CARIBOU LAKE AREA, DISTRICT OF KENORA (PATRICIA PORTION), ONTARIO, MAP 48h, TO ACCOMPANY REPORT BY J. SATTERLY	MAP 48h	1"=1 mile 1:63,360
OGS	1985	AIRBORNE ELECTROMAGNETIC AND TOTAL INTENSITY MAGNETIC SURVEY, OPAPIMISKAN LAKE AREA, DISTRICT OF KENORA, PATRICIA PORTION, BY AERODAT LTD., GEOPHYSICAL/GEOCHEMICAL SERIES, MAPS 80722, 80723, 80726, 80729, 80730	MAPS 80722 80723 80726 80729 80730	1:20,000
OSMANI, I.A. STOTT, G.M.	1988	REGIONAL SCALE SHEER ZONES IN SACHIGO SUB-PROVINCE AND THEIR ECONOMIC SIGNIFICANCE, p.53-67, IN SUMMARY OF FIELD WORK AND OTHER ACTIVITIES 1988, OGS, MP 141, 498p.	MP 141	p.53-67

SELECTED REFERENCES

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SPRINGER, JANET	1978	ONTARIO MINERAL POTENTIAL, NORTH CARIBOU SHEET DISTRICT OF KENORA (PATRICIA PORTION), OGS MAP P.1547, MINERAL DEPOSITS SERIES	P.1547	
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THURSTON, P.C. SAGE, R.P. SIRAGUSA, G.M.	1971	OPERATION WINISK LAKE, WEAGAMOW LAKE SHEET, DISTRICT OF KENORA (PATRICIA PORTION) ODM AND NORTHERN AFFAIRS, MAP P.711, GEOLOGICAL SERIES	P.711	1"=2 miles

NOTES AND ADDENDA

NO DATA AS OF JUNE 1989

90°45'

53°00'

Schade

Lake

Erichsen

Lake

Eyapamikama

Lake

6

6

6

7

90°30'

53°00'

Ministry of Northern Development and Mines

Ontario

Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 520

(Map 1 of 2)

ERICHSEN LAKE AREA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

Eyapamikama

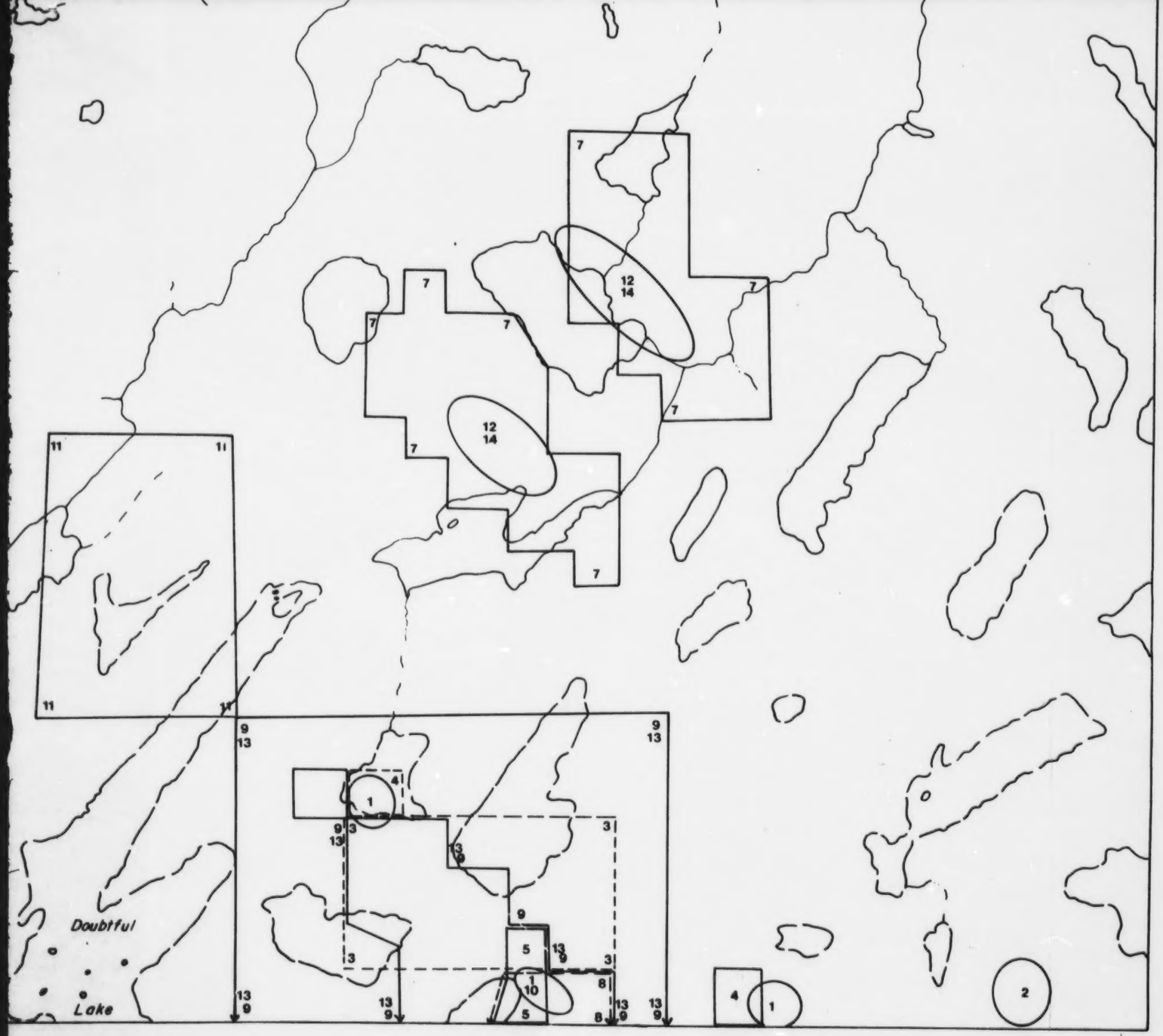
Lake

Doubtful

Lake

52°52'30"

90°45'



EXPLORATION DATA FILE AREAS

- Reference number is always inside work area outlined. See listing in text pages.
- Small area of exploration
- File covers whole township or area
- Area of Drilling

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

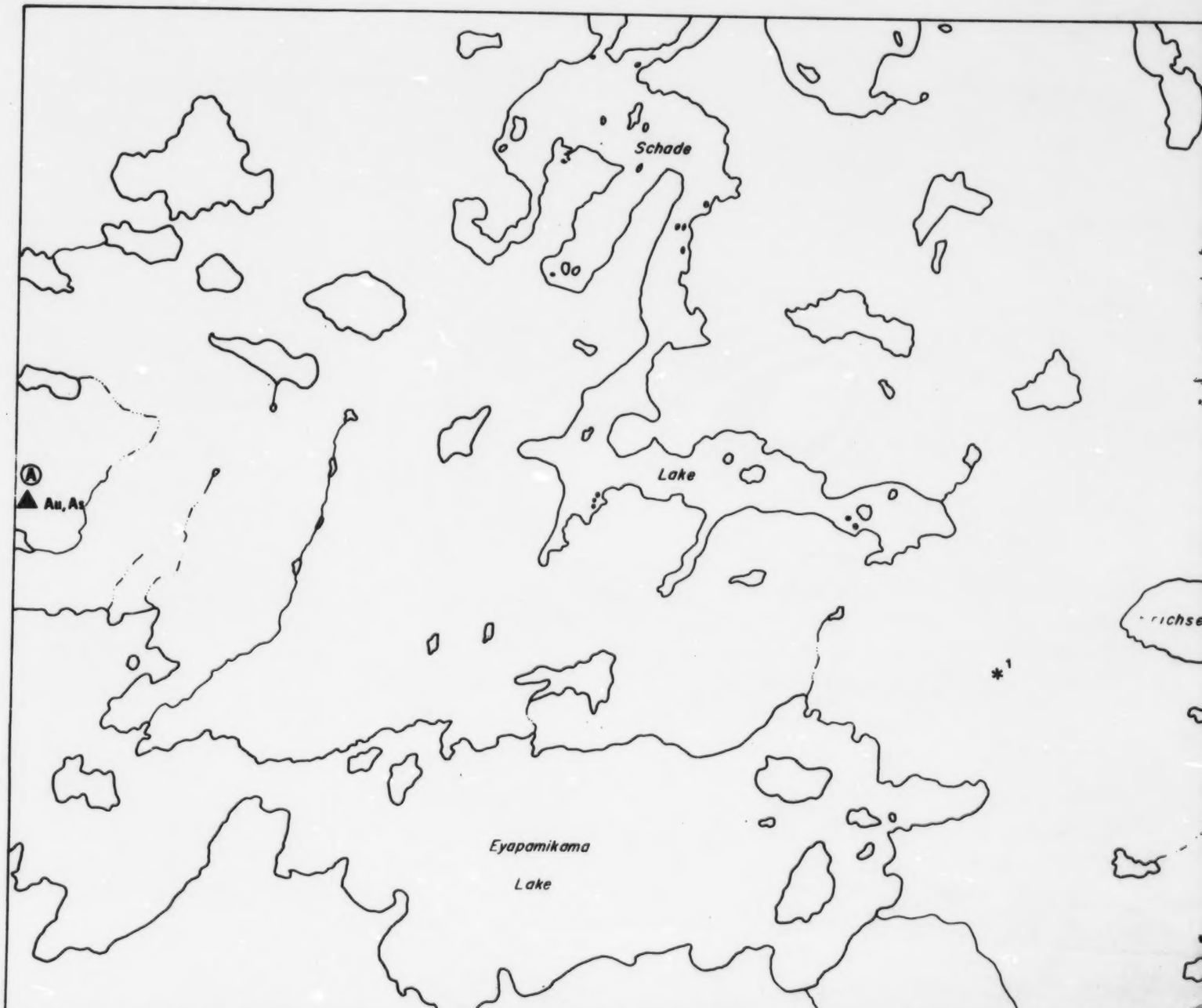
- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- AM — Airborne magnetic anomaly
- Airborne electromagnetic anomaly Length of anomaly along flight line
- Airborne electromagnetic anomaly Location of anomaly along flight line
- Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- ARA — Airborne radiometric anomaly
- M — Ground magnetic anomaly
- VL — Ground electromagnetic anomaly (VL - Vertical loop; HL - Horizontal loop VLF - Very low freq.; Turam; JEM - Crone Em - 16)
- RA — Ground radiometric anomaly
- IP — Induced polarization anomaly

90°45'

53°00'



90°30'

53°00'

Schade

Lake

richsen

Lake

Eyapamikoma

Lake

90°30'

53°00'

richsen

Lake

Ministry of Northern Development and Mines

Mines and Minerals Division

Ontario

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 520

(Map 2 of 2)

ERICHSEN LAKE AREA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

■ cp ▲ A. Mineral occurrence at surface, with reference letter

Mineral occurrence with shaft, depth given with

■ —M— Ground magnetic anomaly

■ —VL— Ground electromagnetic anomaly
(VL - Vertical loop; HL - Horizontal loop
VLF - Very low freq.; Turam; JEM -
Crone Em - 16)

□ —RA— Ground radiometric anomaly

□ —IP— Induced polarization anomaly

□ —SP— Self potential anomaly

□ —AFMAG— Audio-frequency magnetic anomaly
(total intensity)

□ —R— Resistivity anomaly

□ —GR— Gravity anomaly

MISCELLANEOUS DATA

□ Trenching, pit

□ Adit

□ Open pit

□ Rock quarry

□ Sand and/or gravel pit

□

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

Eyapamikama

Lake

Dou

La

52°52'30"

90°45'

Eyapamikama

Lake

HL

M

VLF

10

11

12

13

14

8

7

9

2

1

B Zn,Cu

3

Doubtful

Lake

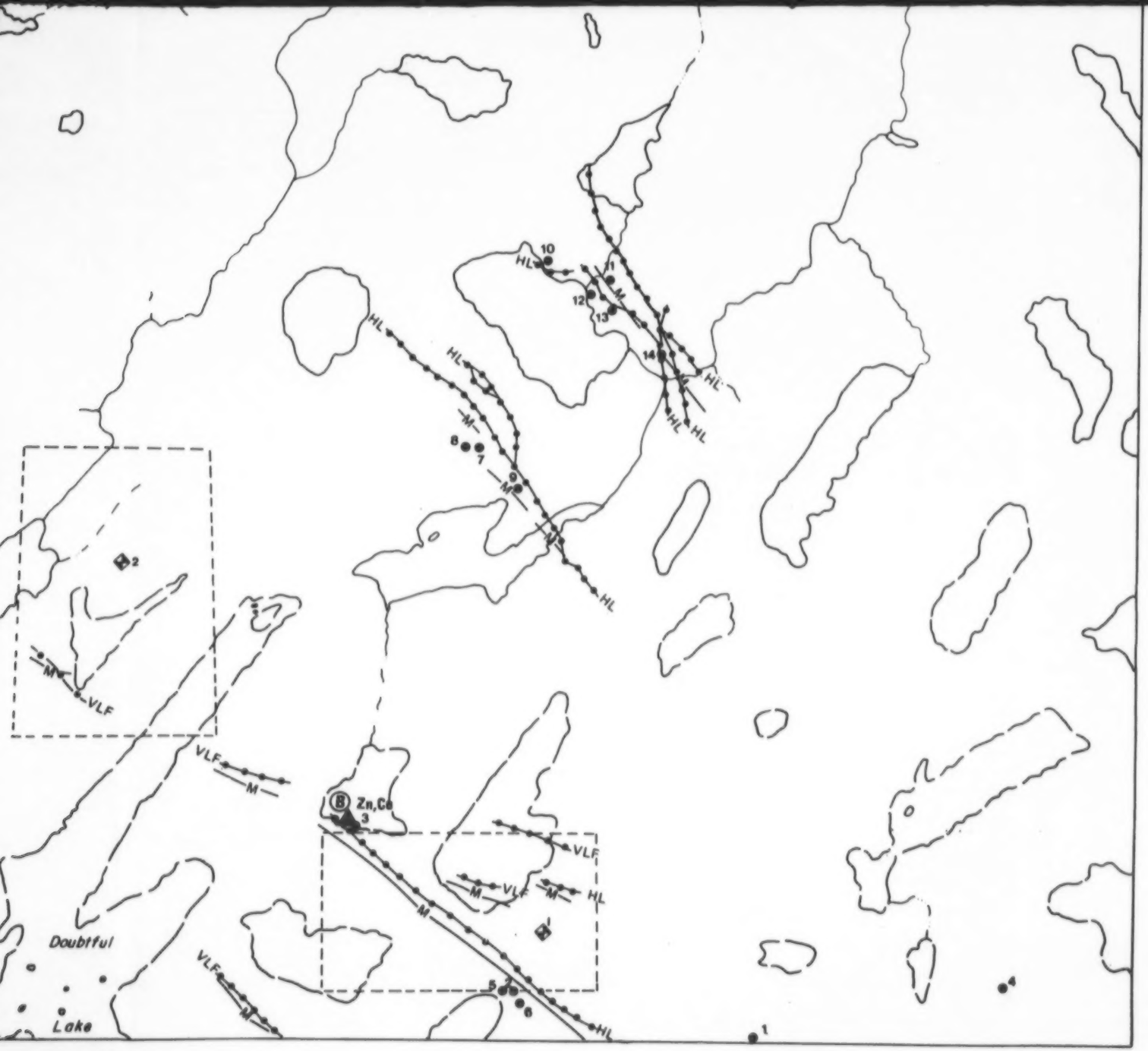
5

6

4

52°52'30"

90°30'



52°52'30"

90°30'

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter
- A. — Mineral occurrence in drillhole, with reference letter, and drillhole number

DRILLHOLES

- ●² — Location of single drillhole, with reference number
- ◉² — Location of closely spaced group of drillholes, with reference number
- ?² — Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- ○² — Property with drillholes which have not been plotted on map, with reference number
- ⊕² — Reverse circulation drillhole; churn drilling, with reference number